

=> d his

(FILE 'HOME' ENTERED AT 14:47:20 ON 24 SEP 2007)

FILE 'REGISTRY' ENTERED AT 14:47:32 ON 24 SEP 2007

L1 STRUCTURE UPLOADED
L2 0 S L1
L3 0 S L1 FULL
L4 STRUCTURE UPLOADED
L5 0 S L4
L6 0 S L4 FULL

FILE 'CAPLUS' ENTERED AT 14:51:50 ON 24 SEP 2007

E 20060281946 /AP,PRN 25
E US 06-562730/AP,PRN 25
E US 10-562730/AP,PRN 25
E US2005-562730
E US2005-562730/APPS
L7 0 S US2005-562730
L8 1 S US2005-562730/APPS
SEL RN L8

FILE 'REGISTRY' ENTERED AT 14:58:02 ON 24 SEP 2007

L9 18 S E1-E18

FILE 'CAPLUS' ENTERED AT 15:04:22 ON 24 SEP 2007

FILE 'REGISTRY' ENTERED AT 15:06:39 ON 24 SEP 2007

FILE 'CAPLUS' ENTERED AT 15:14:58 ON 24 SEP 2007

FILE 'REGISTRY' ENTERED AT 15:15:25 ON 24 SEP 2007

FILE 'CAPLUS' ENTERED AT 15:15:41 ON 24 SEP 2007

FILE 'CAPLUS' ENTERED AT 15:16:02 ON 24 SEP 2007

FILE 'REGISTRY' ENTERED AT 15:16:56 ON 24 SEP 2007

L10 1098 S 82439?/RN
L11 18 S E1-E18
L12 18 S L11
L13 10 S L10 AND L11
L14 1 S L13 AND PROPANOYL/CNS
L15 9 S L13 NOT L14
L16 8 S L11 NOT L10
L17 1 S L16 AND PROPANOIC ACID
L18 10 S L15 OR L17

FILE 'CAPLUS' ENTERED AT 15:25:13 ON 24 SEP 2007

L19 3 S L18

FILE 'REGISTRY' ENTERED AT 15:26:26 ON 24 SEP 2007

SEL CRN L18
L20 8 S E19-E22/CRN
L21 12 S L18 OR L20
SEL RN L13
L22 0 S E23-32/SRN
L23 5 S E23-E32/CRN
SEL RN L18
L24 8 S E33-E42/CRN
L25 8 S L24 AND L21
L26 12 S L24 OR L21

FILE 'CAPLUS' ENTERED AT 15:31:25 ON 24 SEP 2007

L27

4 S L26

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssptayvv1621

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 JUL 02 LMEDLINE coverage updated
NEWS 3 JUL 02 SCISEARCH enhanced with complete author names
NEWS 4 JUL 02 CHEMCATS accession numbers revised
NEWS 5 JUL 02 CA/Capplus enhanced with utility model patents from China
NEWS 6 JUL 16 Capplus enhanced with French and German abstracts
NEWS 7 JUL 18 CA/Capplus patent coverage enhanced
NEWS 8 JUL 26 USPATFULL/USPAT2 enhanced with IPC reclassification
NEWS 9 JUL 30 USGENE now available on STN
NEWS 10 AUG 06 CAS REGISTRY enhanced with new experimental property tags
NEWS 11 AUG 06 BEILSTEIN updated with new compounds
NEWS 12 AUG 06 FSTA enhanced with new thesaurus edition
NEWS 13 AUG 13 CA/Capplus enhanced with additional kind codes for granted patents
NEWS 14 AUG 20 CA/Capplus enhanced with CAS indexing in pre-1907 records
NEWS 15 AUG 27 Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB
NEWS 16 AUG 27 USPATOLD now available on STN
NEWS 17 AUG 28 CAS REGISTRY enhanced with additional experimental spectral property data
NEWS 18 SEP 07 STN AnaVist, Version 2.0, now available with Derwent World Patents Index
NEWS 19 SEP 13 FORIS renamed to SOFIS
NEWS 20 SEP 13 INPADOCDB enhanced with monthly SDI frequency
NEWS 21 SEP 17 CA/Capplus enhanced with printed CA page images from 1967-1998
NEWS 22 SEP 17 Capplus coverage extended to include traditional medicine patents
NEWS 23 SEP 24 EMBASE, EMBAL, and LEMBASE reloaded with enhancements

NEWS EXPRESS 19 SEPTEMBER 2007: CURRENT WINDOWS VERSION IS V8.2, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 14:47:20 ON 24 SEP 2007

=> file reg.

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

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STRUCTURE FILE UPDATES: 23 SEP 2007 HIGHEST RN 947726-74-1

DICTIONARY FILE UPDATES: 23 SEP 2007 HIGHEST RN 947726-74-1

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TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

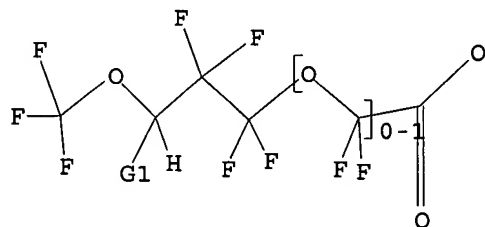
Uploading C:\Program Files\Stnexp\Queries\10562730-cl6X=h.str

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 H, F

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 14:48:03 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 24 TO ITERATE

100.0% PROCESSED 24 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 187 TO 773
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 14:48:07 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 646 TO ITERATE

100.0% PROCESSED 646 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

L3 0 SEA SSS FUL L1

=>

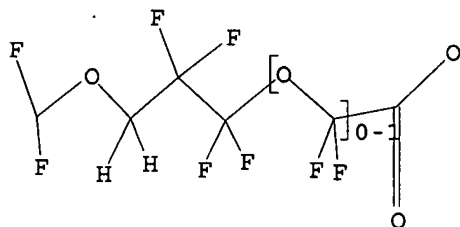
Uploading C:\Program Files\Stnexp\Queries\10562730-cl6-broad.str

L4 STRUCTURE UPLOADED

=> d l4

L4 HAS NO ANSWERS

L4 STR



G1 H, F

Structure attributes must be viewed using STN Express query preparation.

=> s l4

SAMPLE SEARCH INITIATED 14:49:57 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 151 TO ITERATE

100.0% PROCESSED 151 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 2283 TO 3757
PROJECTED ANSWERS: 0 TO 0

L5 0 SEA SSS SAM L4

=> s l4 full

FULL SEARCH INITIATED 14:50:01 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 3148 TO ITERATE

100.0% PROCESSED 3148 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

L6 0 SEA SSS FUL L4

=> file chemabs

'CHEMABS' IS NOT A VALID FILE NAME
SESSION CONTINUES IN FILE 'REGISTRY'

Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files that are available. If you have requested multiple files, you can specify a corrected file name or you can enter "IGNORE" to continue accessing the remaining file names entered.

=> FIL CAPLUS

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

346.45

346.66

FILE 'CAPLUS' ENTERED AT 14:51:50 ON 24 SEP 2007

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FILE COVERS 1907 - 24 Sep 2007 VOL 147 ISS 14

FILE LAST UPDATED: 23 Sep 2007 (20070923/ED)

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<http://www.cas.org/infopolicy.html>

=> E 20060281946 /AP, PRN 25

**** START OF FIELD ****

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E4	0	20060281946/PRN
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E6	1	AD2001-2185/PRN
E7	1	AD2002-10243254/PRN
E8	1	AD2003-352770/PRN
E9	1	AE2000-40/PRN
E10	1	AE2003-186/PRN
E11	1	AE2003-274/PRN
E12	1	AL70-205070/PRN
E13	1	AM2000-32/PRN
E14	1	AM2000-63/PRN
E15	1	AM2000-84/PRN
E16	1	AM2001-3/PRN
E17	1	AM2001-52/PRN
E18	1	AM2001-77/PRN
E19	1	AM2002-126/PRN
E20	1	AM2003-42/PRN
E21	1	AM2003-98/PRN
E22	1	AM2004-44/PRN
E23	1	AM2005-113/PRN
E24	4	AM2005-147/PRN
E25	4	AM2005-148/PRN

=> E US 06-562730/AP, PRN 25

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E4	0	US06-562730/PRN
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E8	1	US09-470366/AP
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E11	1	US10-542116/AP
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E14	1	US10-590774/AP
E15	1	US10-592997/AP
E16	1	US10-593773/AP
E17	1	US10-596382/AP
E18	1	US11-618011/AP
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E20	1	US11-642470/AP
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E23	1	US11-664894/AP
E24	1	US12-670338/AP
E25	1	US12-672119/AP

=> E US 10-562730/AP, PRN 25

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E11	1	US2005A/BI

E12 1 US2006/BI

=> e us2005-562730/apps

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E3 1 --> US2005-562730/AP
E4 0 US2005-562730/PRN
E5 1 US2005-562731/AP
E6 1 US2005-562734/AP
E7 1 US2005-562738/AP
E8 1 US2005-56274/AP
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E10 1 US2005-562744/AP
E11 1 US2005-56275/AP
E12 1 US2005-562755/AP

=> s us2005-562730

0 US2005
0 562730
L7 0 US2005-562730
(US2005(W)562730)

=> s us2005-562730/apps

1 US2005-562730/AP
0 US2005-562730/PRN
L8 1 US2005-562730/APPS
(US2005-562730/AP, PRN)

=> d scan 18

L8 1 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN

IC ICM C07C059-135

ICS C07C051-41; C07C051-62; C07C051-04; B01F017-44; C08F014-18

CC 46-3 (Surface Active Agents and Detergents)

Section cross-reference(s): 37, 39

TI Fluoroalkyl group-containing carboxylic acid derivatives and their use as surfactants or dispersants for production of fluorine-containing polymers and aqueous dispersion of fluorine-containing polymers

ST fluoropolymer manuf surfactant dispersant fluoroalkyloxy fluorocarboxylic acid salt

IT Carboxylic acids, uses

RL: IMF (Industrial manufacture); MOA (Modifier or additive use); PRP (Properties); PREP (Preparation); USES (Uses)

(fluoro, salts; manufacture of fluoroalkyl group-containing carboxylic acid derivs. useful as surfactants or dispersants for production of fluoropolymers and their aqueous dispersion)

IT Dispersing agents

Emulsifying agents

(fluoro; manufacture of fluoroalkyl group-containing carboxylic acid derivs. useful as surfactants or dispersants for production of fluoropolymers and their aqueous dispersion)

IT Surfactants

(fluorosurfactants; manufacture of fluoroalkyl group-containing carboxylic

acid

derivs. useful as surfactants or dispersants for production of fluoropolymers and their aqueous dispersion)

IT Fluoro rubber

Synthetic rubber, preparation

RL: IMF (Industrial manufacture); PRP (Properties); PREP (Preparation)

(hexafluoropropene-triallyl isocyanurate-vinylidene fluoride; manufacture of fluoroalkyl group-containing carboxylic acid derivs. useful as surfactants or dispersants for production of fluoropolymers and their aqueous dispersion)

IT Fluoropolymers, preparation

RL: IMF (Industrial manufacture); PRP (Properties); PREP (Preparation)
 (manufacture of fluoroalkyl group-containing carboxylic acid derivs. useful
 as
 surfactants or dispersants for production of fluoropolymers and their
 aqueous
 dispersion)

IT 824393-40-0P 824393-41-1P 824393-43-3P 824393-44-4P
 RL: IMF (Industrial manufacture); MOA (Modifier or additive use); PREP
 (Preparation); USES (Uses)
 (manufacture of fluoroalkyl group-containing carboxylic acid derivs. useful
 as
 surfactants or dispersants for production of fluoropolymers and their
 aqueous
 dispersion)

IT 9002-84-0P, PTFE 9011-17-0P, Hexafluoropropylene-vinylidene fluoride
 copolymer
 RL: IMF (Industrial manufacture); PRP (Properties); PREP (Preparation)
 (manufacture of fluoroalkyl group-containing carboxylic acid derivs. useful
 as
 surfactants or dispersants for production of fluoropolymers and their
 aqueous
 dispersion)

IT 378-03-0P 136642-92-7P 824393-34-2P 824393-36-4P 824393-37-5P
 824393-38-6P 824393-39-7P 824393-42-2P
 RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT
 (Reactant or reagent)
 (manufacture of fluoroalkyl group-containing carboxylic acid derivs. useful
 as
 surfactants or dispersants for production of fluoropolymers and their
 aqueous
 dispersion)

IT 335-42-2, Perfluorobutanoyl fluoride 422-61-7, Perfluoropropionyl
 fluoride 765-63-9, 2,2,3,3-Tetrafluorooxetane
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (manufacture of fluoroalkyl group-containing carboxylic acid derivs. useful
 as
 surfactants or dispersants for production of fluoropolymers and their
 aqueous
 dispersion)

IT 103746-89-0P, Hexafluoropropylene-triallyl isocyanurate-vinylidene
 fluoride copolymer
 RL: IMF (Industrial manufacture); PRP (Properties); PREP (Preparation)
 (rubber; manufacture of fluoroalkyl group-containing carboxylic acid derivs.
 useful as surfactants or dispersants for production of fluoropolymers and
 their aqueous dispersion)

ALL ANSWERS HAVE BEEN SCANNED

=> sel rn 18
 E1 THROUGH E18 ASSIGNED

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	12.82	359.48

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STRUCTURE FILE UPDATES: 23 SEP 2007 HIGHEST RN 947726-74-1
DICTIONARY FILE UPDATES: 23 SEP 2007 HIGHEST RN 947726-74-1

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on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=> s e1-e18

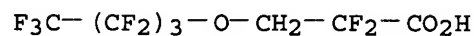
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1 378-03-0/BI
 (378-03-0/RN)
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1 765-63-9/BI
 (765-63-9/RN)
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1 9011-17-0/BI
 (9011-17-0/RN)

L9 18 (103746-89-0/BI OR 136642-92-7/BI OR 335-42-2/BI OR 378-03-0/BI
OR 422-61-7/BI OR 765-63-9/BI OR 824393-34-2/BI OR 824393-36-4/B
I OR 824393-37-5/BI OR 824393-38-6/BI OR 824393-39-7/BI OR 824393
-40-0/BI OR 824393-41-1/BI OR 824393-42-2/BI OR 824393-43-3/BI
OR 824393-44-4/BI OR 9002-84-0/BI OR 9011-17-0/BI)

=> d scan 19

L9 18 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN

IN Propanoic acid, 2,2-difluoro-3-(nonafluorobutoxy) - (9CI)
MF C7 H3 F11 O3
CI COM

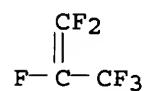


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

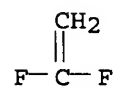
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):18

L9 18 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN 1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with 1,1-difluoroethene
ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT
MF (C3 F6 . C2 H2 F2)x
CI PMS, COM

CM 1

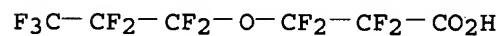


CM 2

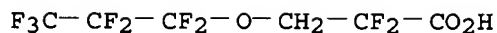


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L9 18 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Propanoic acid, 2,2,3,3-tetrafluoro-3-(heptafluoropropoxy)-, ammonium salt
(9CI)
MF C6 H F11 O3 . H3 N



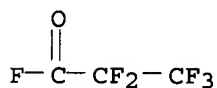
L9 18 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Propanoic acid, 2,2-difluoro-3-(heptafluoropropoxy)-, sodium salt (9CI)
MF C6 H3 F9 O3 . Na



● Na

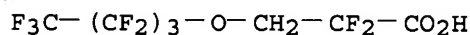
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L9 18 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN Propanoyl fluoride, 2,2,3,3,3-pentafluoro-
 MF C3 F6 O
 CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L9 18 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN Propanoic acid, 2,2-difluoro-3-(nonafluorobutoxy)-, sodium salt (9CI)
 MF C7 H3 F11 O3 . Na

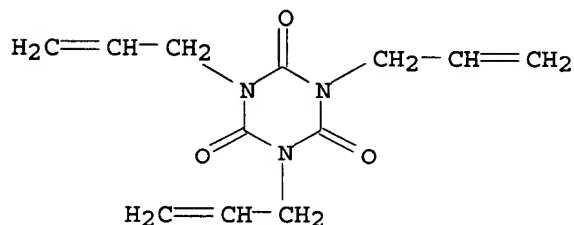


● Na

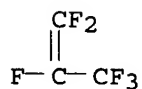
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L9 18 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN 1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tri-2-propenyl-, polymer with
 1,1-difluoroethene and 1,1,2,3,3,3-hexafluoro-1-propene (9CI)
 MF (C12 H15 N3 O3 . C3 F6 . C2 H2 F2)x
 CI PMS

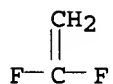
CM 1



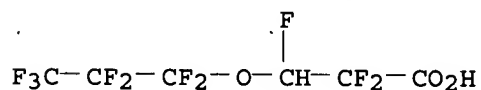
CM 2



CM 3

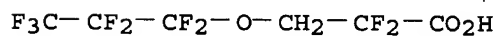


L9 18 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Propanoic acid, 2,2,3-trifluoro-3-(heptafluoropropoxy)-, ammonium salt
(9CI)
MF C6 H2 F10 O3 . H3 N



● NH₃

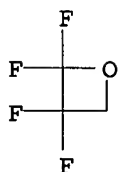
L9 18 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Propanoic acid, 2,2-difluoro-3-(heptafluoropropoxy)-, ammonium salt (9CI)
MF C6 H3 F9 O3 . H3 N



● NH₃

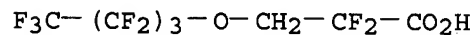
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L9 18 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Oxetane, 2,2,3,3-tetrafluoro- (7CI, 8CI, 9CI)
MF C3 H2 F4 O
CI COM

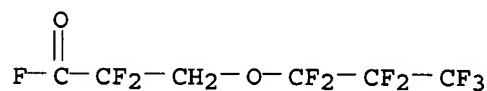


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L9 18 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN Propanoic acid, 2,2-difluoro-3-(nonafluorobutoxy)-, ammonium salt.(9CI)
 MF C7 H3 F11 O3 . H3 N

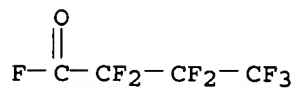


L9 18 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN Propanoyl fluoride, 2,2-difluoro-3-(heptafluoropropoxy)- (9CI)
 MF C6 H2 F10 O2



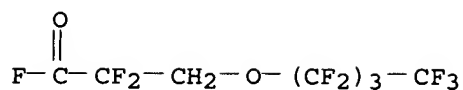
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L9 18 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN Butanoyl fluoride, 2,2,3,3,4,4,4-heptafluoro-
 MF C4 F8 O
 CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

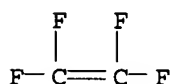
L9 18 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN Propanoyl fluoride, 2,2-difluoro-3-(nonafluorobutoxy)- (9CI)
 MF C7 H2 F12 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

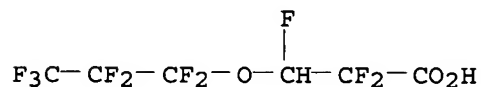
L9 18 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN Ethene, 1,1,2,2-tetrafluoro-, homopolymer
 ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT
 MF (C2 F4)x
 CI PMS, COM

CM 1



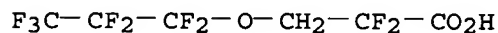
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L9 18 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN Propanoic acid, 2,2,3-trifluoro-3-(heptafluoropropoxy) - (9CI)
 MF C6 H2 F10 O3
 CI COM



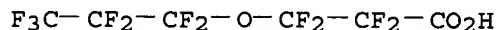
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L9 18 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN Propanoic acid, 2,2-difluoro-3-(heptafluoropropoxy) - (9CI)
 MF C6 H3 F9 O3
 CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L9 18 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN Propanoic acid, 2,2,3,3-tetrafluoro-3-(1,1,2,2,3,3,3-heptafluoropropoxy) -
 MF C6 H F11 O3
 CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> ca plus

CA IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.

For a list of commands available to you in the current file, enter

"HELP COMMANDS" at an arrow prompt (=>).

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
4.95	364.43

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 15:04:22 ON 24 SEP 2007

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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=> d scan l8

L8 1 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN

IC ICM C07C059-135

ICS C07C051-41; C07C051-62; C07C051-04; B01F017-44; C08F014-18

CC 46-3 (Surface Active Agents and Detergents)

Section cross-reference(s): 37, 39

TI Fluoroalkyl group-containing carboxylic acid derivatives and their use as surfactants or dispersants for production of fluorine-containing polymers and aqueous dispersion of fluorine-containing polymers

ST fluoropolymer manuf surfactant dispersant fluoroalkyloxy fluorocarboxylic acid salt

IT Carboxylic acids, uses

RL: IMF (Industrial manufacture); MOA (Modifier or additive use); PRP (Properties); PREP (Preparation); USES (Uses)

(fluoro, salts; manufacture of fluoroalkyl group-containing carboxylic acid derivs. useful as surfactants or dispersants for production of fluoropolymers and their aqueous dispersion)

IT Dispersing agents

Emulsifying agents

(fluoro; manufacture of fluoroalkyl group-containing carboxylic acid derivs. useful as surfactants or dispersants for production of fluoropolymers and

their aqueous dispersion)

IT Surfactants
 (fluorosurfactants; manufacture of fluoroalkyl group-containing carboxylic acid derivs. useful as surfactants or dispersants for production of fluoropolymers and their aqueous dispersion)

IT Fluoro rubber
 Synthetic rubber, preparation
 RL: IMF (Industrial manufacture); PRP (Properties); PREP (Preparation)
 (hexafluoropropene-triallyl isocyanurate-vinylidene fluoride; manufacture of fluoroalkyl group-containing carboxylic acid derivs. useful as surfactants or dispersants for production of fluoropolymers and their aqueous dispersion)

IT Fluoropolymers, preparation
 RL: IMF (Industrial manufacture); PRP (Properties); PREP (Preparation)
 (manufacture of fluoroalkyl group-containing carboxylic acid derivs. useful as surfactants or dispersants for production of fluoropolymers and their aqueous dispersion)

IT 824393-40-0P 824393-41-1P 824393-43-3P 824393-44-4P
 RL: IMF (Industrial manufacture); MOA (Modifier or additive use); PREP (Preparation); USES (Uses)
 (manufacture of fluoroalkyl group-containing carboxylic acid derivs. useful as surfactants or dispersants for production of fluoropolymers and their aqueous dispersion)

IT 9002-84-0P, PTFE 9011-17-0P, Hexafluoropropylene-vinylidene fluoride copolymer
 RL: IMF (Industrial manufacture); PRP (Properties); PREP (Preparation)
 (manufacture of fluoroalkyl group-containing carboxylic acid derivs. useful as surfactants or dispersants for production of fluoropolymers and their aqueous dispersion)

IT 378-03-0P 136642-92-7P 824393-34-2P 824393-36-4P 824393-37-5P
 824393-38-6P 824393-39-7P 824393-42-2P
 RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)
 (manufacture of fluoroalkyl group-containing carboxylic acid derivs. useful as surfactants or dispersants for production of fluoropolymers and their aqueous dispersion)

IT 335-42-2, Perfluorobutanoyl fluoride 422-61-7, Perfluoropropionyl fluoride 765-63-9, 2,2,3,3-Tetrafluorooxetane
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (manufacture of fluoroalkyl group-containing carboxylic acid derivs. useful as surfactants or dispersants for production of fluoropolymers and their aqueous dispersion)

IT 103746-89-0P, Hexafluoropropylene-triallyl isocyanurate-vinylidene fluoride copolymer
 RL: IMF (Industrial manufacture); PRP (Properties); PREP (Preparation)
 (rubber; manufacture of fluoroalkyl group-containing carboxylic acid derivs. useful as surfactants or dispersants for production of fluoropolymers and their aqueous dispersion)